

ELECTROPHORESIS MODULE HAVING ELECTROPHORESIS BATH WITH UPRIGHT CARRIERS  
ABSTRACT OF THE DISCLOSURE

The electrophoresis module has an upright cassette of which at least one of the front and rear sides has a recess opened upwardly, the recess has on the peripheral edge thereof a buffering member; the cassette has on the two ends thereof a clamping assembly each, each clamping assembly is composed of a front and a rear clip and a rotating knob in order that a set of carrier can be placed in the recess of the cassette and between the clips, and the rotating knob is rotated to make the clips press the carrier toward the buffering member on the peripheral edge of the recess; then gel pouring and sealing operation is performed after sealing the periphery of the carrier set, and lastly, the cassette clamping the carrier set is placed in the electrophoresis bath for directly proceeding with electrophoresis separation engineering.

20

25